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Automated Land and Mineral  
Record System  
ALMRS

Volume 8

Salables Program

For:

U.S. Department of the Interior  
Bureau of Land Management  
ALMRS-GIS Project Office - DSC  
Denver Federal Center  
Denver, Colorado 80225

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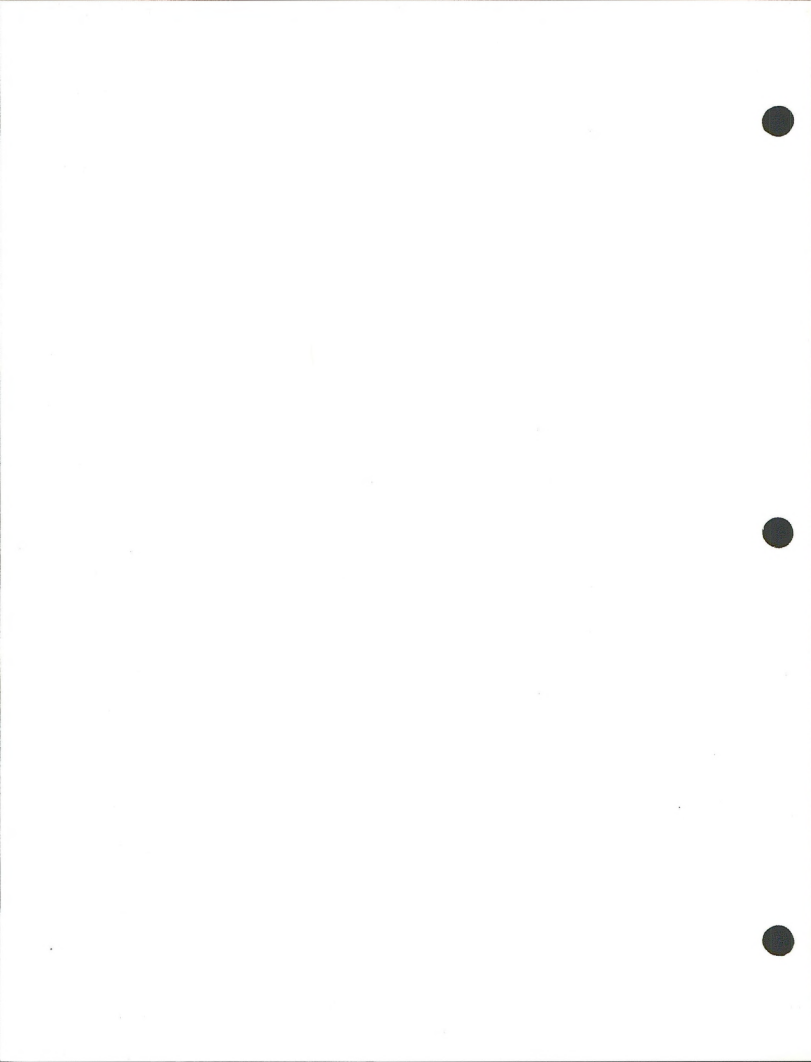
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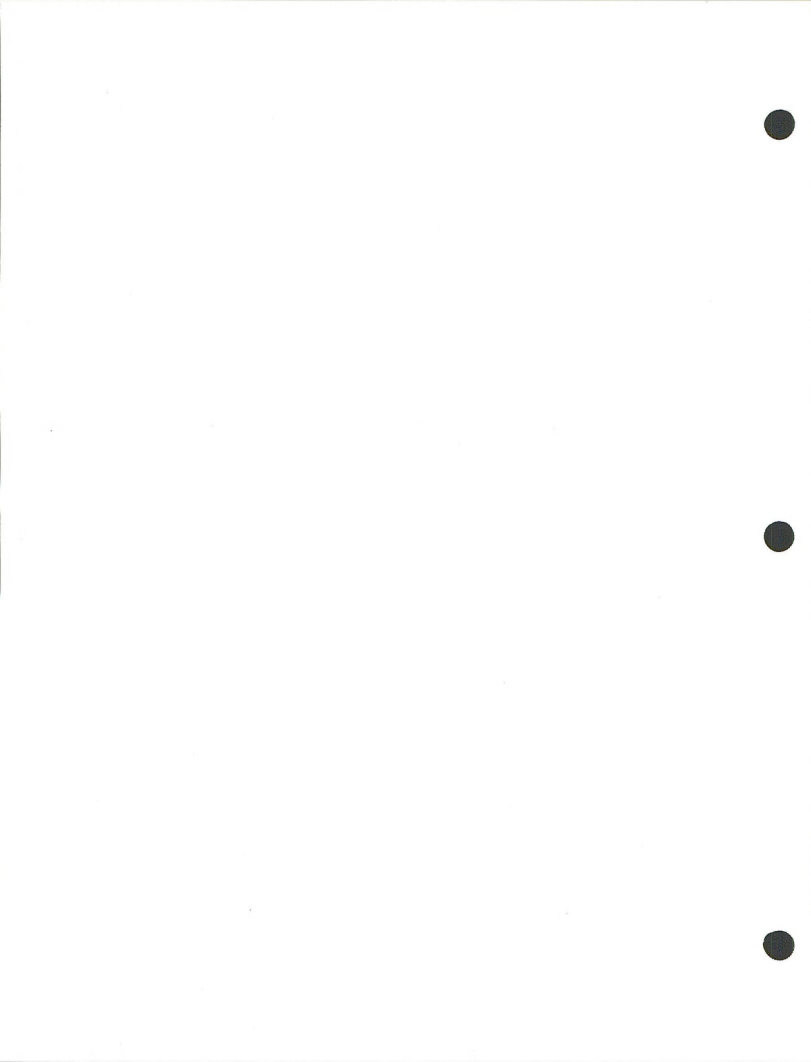
CHAPTER 1  
INTRODUCTION

This document describes the current system for processing salable minerals under the mineral materials disposal program pursuant to the following sections of the 43 CFR (Code of Federal Regulations):

1. 43 CFR 3600 - Mineral Materials Disposal; and
2. 43 CFR 3700 - Multiple Use; Mining.

This document is organized as follows:

- Chapter 1 - Introduction to the salable minerals program with an explanation of the scope and structure of this document;
- Chapter 2 - Data Flow Diagrams (DFDs) illustrating the current method of processing for the salable minerals program, including a consolidated hierarchal structure chart of all processes;
- Chapter 3 - Process List providing a consolidated list of all processes defined in the DFDs, their level in the hierarchal structure, and their page references in the DFDs (Chapter 2) and the input/process/output narratives for processes at the primitive (lowest) level (Chapter 4);
- Chapter 4 - Input/Process/Output Narratives (IPOs) providing detailed descriptions of each primitive (lowest level) process defined in the DFDs, including identification of input and output data, and definitions of steps taken or decisions made; and
- Chapter 5 - Data Dictionary and Cross Reference List providing detailed definitions of all data appearing in the DFDs, including a cross reference of data names and mnemonics/abbreviations used in the DFDs and dictionary definitions.



## CHAPTER 2

### DATA FLOW DIAGRAMS

The current mineral materials disposal (salables) program is presented here as a series of data flow diagrams that show the sources and destinations of data, identify and name processes, identify and name data that connect sources and destinations of data, and describe data stores that are accessed. Each process may be broken down into a more detailed flow diagram. The hierarchal structure of each process is identified by decimalized identifiers.

When it is no longer useful to decompose a process, the process is said to be at a primitive level and is described in detailed narrative.

Standard representations used in the DFDs are as follows:

1. an ellipse represents a process (an asterisk accompanying the process name indicates a primitive process at the lowest level that is described in narrative rather than decomposed into another DFD);
2. a rectangle represents an external entity (generally outside of BLM control);
3. a set of brackets represents an internal entity (generally thought of as an off-page connector to a process represented in another DFD, or a pointer to a common or generic type of process);
4. a line represents data flow;
5. arrows at the ends of lines indicate the direction data is flowing;

## DATA FLOW DIAGRAMS

6. a pair of horizontal parallel lines represents a data store (i.e., a composite grouping of data).

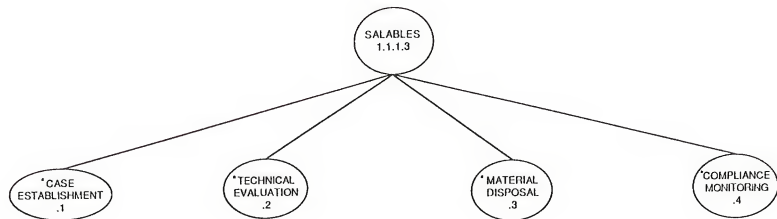
Automated entities, e.g., computer systems or data bases, are represented by a diagonal line in the upper left corner of the symbol. Entities that have multiple occurrences on one diagram are shown with sequential numbers inserted within diagonal lines in the lower right corner of the symbol to indicate which occurrence the entity represents on that DFD.

A hierarchal structure chart is presented that shows a consolidated view of all processes defined in the DFDs.

As part of this documentation methodology, specific external entities are identified that provide support for the processing of mineral material disposal cases, namely the Mineral Analysis processes of Resource Evaluation. Mineral Analysis defines processes that individually and collectively provide technical geologic and mineral assessment for BLM-wide programs. These processes provide for the development and evaluation of mineral documents that include mining/reclamation plans and mineral reports (e.g., common variety determinations, mineral appraisals), mineral land status, environmental analysis, field inspections, sampling and testing, and mineral contests.



SALABLES VISUAL TABLE OF CONTENTS



DFD: 1 OF 1  
DATE: 5/8/87  
LEVEL: 4



### CHAPTER 3

#### PROCESS LIST

The following table lists all processes defined on the Data Flow Diagrams appearing in Chapter 2. The Chapter 2 page reference is next to each process. If the process is at a primitive level, i.e. functionally decomposed to a level at which no benefits are derived from further decomposition, a reference to the Chapter 4 narrative for that process is also listed.

# PROCESS LIST

Identifier	Process Name	Level	DFD	IPO
1.1.1.3.1	Case Establishment	5	2-4	4-2
1.1.1.3.4	Compliance Monitoring	5	2-4	4-15
1.1.1.3.3	Material Disposal	5	2-4	4-11
1.1.1.3.2	Technical Evaluation	5	2-4	4-5

## CHAPTER 4

### INPUT/PROCESS/OUTPUT NARRATIVES

The following narratives describe the detail processing done at the primitive level as defined by the Data Flow Diagrams. Included in each narrative is the following information:

1. the process name;
2. the process identifier;
3. the parent process name (the parent's identifier can be derived by omitting the last digit of the process identifier);
4. a general description of the process;
5. any applicable policies and procedures, specifically sections of the Code of Federal Regulations (CFR) and BLM Manual (BLM-M);
6. any constraints that may affect BLM's processing; and
7. the input/process/output narrative.

The process narratives appear in the order they are defined in the Data Flow Diagrams in Chapter 2.

Where processes indicate a receipt or review of data, the specific details may be found in the Data Dictionary definition of the subject data flow.

Case notations, shown as interactions with Records, indicate any applicable update to case files and case recordation systems. Records notations indicate an update to land status or title records being performed, e.g., master title plats, historical indexes, etc.

# INPUT/PROCESS/OUTPUT NARRATIVES

Process Name: Case Establishment

Identifier: 1.1.1.3.1

Parent Process Name: Salables

Description: This process receives, serializes, and reviews requests for mineral material disposals or material site designations. These proposals may be initiated by the public or BLM. Land status and mineral/geologic information is researched to provide a preliminary assessment of a site's suitability for the proposed use.

Policies/Procedures: 43 CFR 3600, Mineral Materials Disposal  
43 CFR 3700, Multiple Use; Mining  
BLM 3600, Mineral Materials Disposal  
BLM Handbook H-3600-1, Mineral Materials Disposal  
Public Laws 167 and 291

Constraints: None.

Input	Process	Output
Material Request (Applicant)	Salables cases may be initiated by the public through a written request from an applicant. BLM may initiate a material disposal case through a directive, e.g., implementation of Resource Management Plans or Annual Work Plans, or resulting from an informal expression of interest from the public or a recognition of material needs in a geographic area.	Case Notation (Records)
Directive (BLM)		
Case File (Docket)	If the material request involves a non-exclusive disposal site, e.g., common-use areas or community pits, the existing case file for that material site is retrieved from docket. In other situations, a new case will be	
Case File (Records)		

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	<p>serialized and a case file created. In either case, all documents are included in the case file, the serialized information is entered into the case recordation system (CR/ALMRS, ORCA, AALRS/AALMRS, etc.), and a serial register page is produced from the system and included in the case file.</p>	
<p>Land Status (Mineral Land Status)</p>	<p>A land status check is performed to determine conflicts and restrictions that may exist with the subject land or other uses in the area. County records are checked as necessary to determine the existence of unpatented mining claims that may not be recorded with BLM, or potential conflicts with local zoning or planning departments. BLM mining claim records are checked to determine if the proposed action conflicts with recorded unpatented mining claims. Case notations are made, including placing copies of maps or plats in the case file with the material site annotated.</p>	<p>Case File (Mineral Land Status) Case Notation (Records)</p>
<p>Additional Information (Applicant)</p>	<p>Material request is reviewed (reference Data Dictionary). Any additional information that is required is requested from the applicant. This may be done via applicant conference, mail, or telephone. The information may include proof of applicant nonprofit organization status (i.e., free-use permits), intended</p>	<p>Additional Information Required (Applicant) Case Notation (Records)</p>

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	use for material, or if any alternate commodities or material sites would be suitable. Case notations are made, including the setting of future action suspense dates if applicable.	
	If a specific material site is under consideration, a records notation may be made so that the site may be drafted on master title plats and identified with a material site application annotation.	Records Notation (Records)
	The case file is forwarded for consideration and technical evaluation.	Case File (Technical Evaluation)



# INPUT/PROCESS/OUTPUT NARRATIVES

Process Name: Technical Evaluation

Identifier: 1.1.1.3.2

Parent Process Name: Salables

Description: This process performs technical review and evaluation of proposed mineral material disposals and material site designations. This includes research of land status and mineral information, development and review of mining and reclamation plans and modifications to mining plans, environmental analysis, coordination with affected agencies and interested parties, determining fair market value for mineral commodities including reclamation fees and bonding requirements, and determination of stipulations required to ensure compliance with all statutes, regulations and land/resource management responsibilities.

Policies/Procedures: 43 CFR 3600, Mineral Materials Disposal  
43 CFR 3700, Multiple Use; Mining  
BLM 3600, Mineral Materials Disposal  
BLM Handbook H-3600-1, Mineral Materials Disposal  
BLM Handbook H-3890-1, Handbook For Mineral  
Examiners  
Public Law 167  
BLM Handbook H-3630-1, Mineral Material Appraisal  
Handbook  
NEPA Guidance

Constraints: Volume limitations, length of contract  
limitations, Government agencies and non-profit  
organizations only for Free Use Permits,  
reappraisal at a minimum every 2 years.

Input	Process	Output
Case File (Case Establishment)	The case file is received after preliminary case esta- blishment procedures, for initiation of detailed review.	

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
Mineral Information (Mineral Information)	Mineral information will be researched as necessary to identify suitable material sites where the commodity is available, or to identify sites of alternate commodities that will fulfill the intended use.	Case File (Mineral Information)
Field Report (Mineral Examination)	A field examination is performed. Sampling and testing may be performed as required. A conference with the applicant is typically held, ideally with the applicant present at the field examination. Case notations are made, including the field report in the case file along with any test analysis results from sampling procedures that may have been performed.	Case File (Mineral Examination) Case Notation (Records)
Mineral Report (Mineral Analysis)	A common variety determination for the subject mineral commodity may be required, in which case a mineral report is typically used to document the mineral specialist's conclusions.	Case File (Mineral Analysis)
Mining Plan (Applicant)	If the case was initiated by an applicant's material request, a determination is made if a mining plan is required. If a mining plan was not submitted as part of the initial material request, a request is made for the applicant to submit a mining plan. Appropriate case notations are made to this effect.	Mining Plan Request (Applicant) Case Notation (Records)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
<p>Modifications Required (Compliance Monitoring)</p>	<p>A preliminary environmental/technical review may determine that a mineral reappraisal should be performed or modifications to mining plans are required to prevent unnecessary and undue degradation. The reappraisal, at a minimum, is required every two years according to regulations. These requirements may be modifications to approved mining plans or may result in requiring a mining plan where there previously was none.</p>	
<p>Mining Plan (Mineral Analysis) Modifications Required (Mineral Analysis)</p>	<p>If an applicant submits a mining plan, the case file, with the mining plan, is forwarded for detailed technical review. If the case is BLM initiated, a mining plan may be developed by BLM.</p> <p>The mining plan is reviewed for impacts with land status and use, prevention of unnecessary and undue degradation, and proper reclamation procedures. Required modifications to an applicant's mining plan may be identified.</p>	<p>Case File (Mineral Analysis)</p>

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
Environmental Document (Environmental Analysis)	<p>An environmental review is done on the proposed action. If the proposal involves over 100,000 cubic yards or greater than 10 acres of surface disturbance, a full environmental analysis is required resulting in an environmental assessment or environmental impact statement (BLM-M 3600.13). In a community pit or common use area, an EA/EIS is developed once prior to any disposals. All subsequent disposals are justified by the initial EA/EIS. Smaller proposals may require only a categorical exclusion review. Any stipulations or modifications to a mining plan may be identified.</p>	Case File (Environmental Analysis)
Mineral Report (Mineral Analysis)	The fair market value for the commodity is determined to set a royalty rate or minimum bid (i.e., competitive sales).	Appraisal Request (Mineral Analysis)
Material Rate (Mineral Rate Schedule)	<p>Depending on the commodity or the area, material rate schedules may exist for this purpose. In other situations, a mineral appraisal is performed and may be documented in the form of a mineral report.</p> <p>Depending on the type of case (e.g., exclusive vs. non-exclusive disposals, sales amount) a determination of the bond requirements may be included. Bonding is required for all sales over \$2000.00 (BLM-M 3600.54).</p>	

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
Resolution (Applicant)	<p>The applicant is notified of the results of the mineral and environmental analysis, mineral appraisals, or findings during compliance monitoring activities. This may identify required modifications to the mining plan, bonding requirements, or special stipulations that will be required on the contract. Alternate sites may be proposed in situations where another location in the geographic area is preferred or when the subject site is closed to the proposed activity. Alternate commodities to meet the intended use may be proposed, if the subject mineral is not common variety (i.e., salable), or if a better site exists with an acceptable commodity.</p> <p>A decision approving the proposed action produces contingent case actions such as the establishment of suspense file documentation to key periodic compliance, monitoring, reappraisals, etc. Through mitigation the applicant may withdraw the material request or may agree to the mineral specialist's proposals.</p>	Modifications Required (Applicant)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
Disposal Decision (Applicant)	<p>A decision rejecting the proposed disposal action may be issued if prohibitive conflicts or conditions exist where a resolution can not be achieved through mitigation or where the disposal is not in the best public interest. This results in appropriate case notations to close the case, with the case file going to docket. If the site was previously included in master title plats, a records notation will be made to remove the parcel from the plats.</p> <p>The case file is forwarded for appropriate procedures to effect the material disposal.</p>	<p>Case Notation (Records) Records Notation (Records) Case File (Docket)</p> <p>Case File (Material Disposal)</p>

# INPUT/PROCESS/OUTPUT NARRATIVES

Process Name: Material Disposal

Identifier: 1.1.1.3.3

Parent Process Name: Salables

Description: This process performs those procedures involved with disposal of mineral materials. This includes designation of community pits and common use areas, issuance of authorization letters for sampling and testing purposes, issuance of free-use permits, and conducting competitive and negotiated sales. Letters of Authorization specifically apply to sampling and testing (see 43 CFR 3602.2).

Policies/Procedures: 43 CFR 3600, Mineral Materials Disposal  
43 CFR 3700, Multiple Use; Mining  
BLM Manual 3600, Mineral Materials Disposal  
BLM Manual Handbook H-3600-1, Mineral Materials Disposal  
Public Law 167

Constraints: None.

Input	Process	Output
	The case file is received for initiation of material disposal actions.	Case File (Technical Evaluation)
	In some states, appropriate records notations are made to reflect the material site on master title plats and historical indexes. If already platted, the records will be updated by removal of the annotation of "application." As common use areas may encompass large geographic areas, this may involve updates to the miscellaneous document index.	Records Notation (Records) Case Notation (Records)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
Publication Proof (Newspaper)	<p>Public notice is given as to the availability of a material site designation or if a competitive sale is to be held. The material site is identified on the ground by posting, staking, or flagging.</p> <p>A determination is made if a competitive sale is required and the type of sale to be held (sealed/oral bids). This is required in specific situations when volume limitations are exceeded (43 CFR 3600.2-1), when there is more than one interested party, or when in the public's best interest. A sales notice is published in local newspaper(s), distributed to interested parties and prospective bidders, and posted in BLM district and/or area offices.</p>	<p>Sales Notice (Newspaper) Sales Notice (Bidders) Case Notation (Records)</p>
<p>Bid (Bidders) Voucher (Accounting)</p>	<p>For Competitive Sales, bidding may be by sealed bids, oral bids, or a combination of both. If sealed bidding is used, bids are accepted prior to the sale. At sale time, the sales notice is read aloud, the appraisal value and minimum deposit required is announced and posted. Sealed bids are opened, bid and deposit amounts are listed on a bid sale record and posted. After all bids have been opened, the highest bid is announced. If a tie for high bid exists, oral bidding may commence.</p>	<p>Bid Deposit (Accounting) Bid Deposit Refund (Bidder) Voucher (Bidder) Case Notation (Records)</p>



# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	<p>In oral bidding procedures, bidding rules are announced, bids are solicited, received, (including bid deposit), recorded, and posted. This continues until bidding is closed, the high bidder is announced, and the successful bidder signs a confirmation of the bid.</p> <p>Bid deposits are refunded to unsuccessful bidders. A voucher is issued for the successful bidder's bid deposit. Appropriate case notations are made including placing a copy of all sale documents in the case file.</p>	
Bond (Bond/Surety)	<p>A determination of performance or reclamation bond requirements results in bonding being secured before initiation of any mining activity.</p> <p>Appropriate permits (i.e., free-use permits, letters of authorization) are issued that include any stipulations, approved mining plans or reclamation requirements.</p> <p>The contract is issued with any stipulations, approved mining plans, reclamation requirements, production reporting schedules, and royalty payment schedules. For competitive sales, the permittee is given 30 days to review and sign the contract (43 CFR 3610.3-5).</p>	<p>Bond Requirement (Bond/Surety)</p> <p>Material Permit (Permittee)</p> <p>Material Contract (Permittee)</p>

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
<p>  Extension Request (Permittee)</p>	<p>For competitive sales, the permittee may request an additional 30 days in which to review the contract and stipulations. Appropriate case notations are made to this effect, including setting future action suspense dates.</p>	<p>Extension (Permittee) Case Notation (Records)</p>
<p>Contract Withdrawal (Permittee) Action Suspense (Records)</p>	<p>If the permittee withdraws interest in the contract, or the time period expires for contract signing, an adverse disposal decision is issued and the bid deposit is forfeited. In competitive sales, the contract will be offered to the next highest bidder under the same bid deposit and contract review procedures. Appropriate case notations are made. This may include case closure actions that will result in a records notation removing the material site from master title plats, if previously platted.</p>	<p>Disposal Decision (Permittee) Case Notation (Records) Records Notation (Records)</p>
<p>Royalty Payment (Permittee)</p> <p>     </p>	<p>The permittee submits payment first installment or entire contract value, and signs the contract. The contract is then signed by BLM. Appropriate case notations are made, including putting copies of all sales or permit documents in the case file, and setting of any future action suspense dates for compliance monitoring, production reporting, or royalty payment activities. Appropriate information is entered into Case Recordation/ ORCA.</p> <p>     </p>	<p>Case Notation (Records) Disposal Information (Case Recordation/ ORCA) Disposal Information (Mineral Information)</p>

# INPUT/PROCESS/OUTPUT NARRATIVES

Process Name: Compliance Monitoring

Identifier: 1.1.1.3.4

Parent Process Name: Salables

Description: This process monitors mining and material extraction activities to ensure prevention of unnecessary and undue degradation and compliance with approved mining plans and stipulations. Adverse situations are reported and processed. Plan modifications, noncompliance notices, and trespass procedures are initiated as required. Final inspection and verification of reclamation are performed. Bond adjustments are performed as required.

Policies/Procedures: 43 CFR 3600, Mineral Materials Disposal  
43 CFR 3700, Multiple Use; Mining  
BLM Manual 3600, Mineral Materials Disposal  
BLM Manual Handbook H-3600-1, Mineral Materials Disposal  
BLM Manual Handbook H-3890-1, Handbook For Mineral Examiners  
Public Law 167

Constraints: A permittee will be notified within 30 days of receipt of a proposed mining plan modification as to its approval or needed changes (43 CFR 3602.1-3).

Input	Process	Output
Action Suspense (Records)	Action suspense identifies that a compliance monitoring activity is due. These activities include compliance inspections, production reports, royalty payments, or material rate reappraisals.	
Field Report (Mineral Examination)	Field inspection is performed on an as required basis, when compliance is to be verified in conjunction with a noncompliance notice or a permittee's request for a compliance	Case File (Mineral Examination) Case Notation (Records)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	inspection. Case notations are made with a copy of the field report put in the case file.	
Production Report (Permittee)	The permittee submits production report according to contract agreement terms. Appropriate case notations are made, including placing the production report in the case file. Appropriate information is entered into the Material Sales Reporting System and placed in local files (e.g., GEM library) for mineral assessment and inventory information.	Case Notation (Records) Disposal Information (Material Sales Reporting System) Disposal Information (Mineral Information)
Royalty Payment (Permittee) Receipt (Accounting)	The permittee submits royalty payment according to contract agreement terms. The payment is forwarded to accounting for issuance of a receipt. Appropriate case notations are made, including placing record of payment in the case file. Appropriate information is entered into Case Recordation/ ORCA.	Royalty Payment (Accounting) Receipt (Permittee) Case Notation (Records) Disposal Information (Case Recordation/ORCA)
Adverse Situation (Permittee) Adverse Situation (Affected Agencies)	A permittee, field compliance inspector, or other agency notifies BLM of an adverse situation (complaint) resulting from mining operations (i.e., hazardous waste spills, cultural/paleontological discoveries, bankruptcy, etc.). Affected agencies are notified as required.	Adverse Situation (Affected Agencies)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	Resulting actions include issuing noncompliance notices, requiring plan modifications, and initiating reclamation procedures by BLM or hazardous waste cleanup by operator or BLM.	
Modification Request (Permittee, BLM)	The permittee may request modifications to a disposal agreement. These include proposals for modifications to mining plans, reclamation requirements, production reporting schedules, royalty payment schedules, requests for bond adjustments, extension requests for material extraction or improvement removal, or modification to any contract terms or stipulations.	
	Modifications to approved mining plans in order to prevent unnecessary and undue degradation, may be identified by BLM or requested by the permittee. A determination may be made that a mineral reappraisal is required (at minimum an appraisal is performed every two years). Appropriate technical review is initiated.	Modifications Required (Technical Evaluation)
	Permittee is issued notice of noncompliance in situations such as violations of approved mining plan, adverse situations, etc. Notice indicates a date for compliance activities to be started or completed. Bonding may be increased or may be required where previously there was none.	Noncompliance Notice (Permittee) Case Notation (Records)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	Appropriate case notations are made, including defining future action suspense dates for field inspections.	
Compliance Inspection Request (Permittee)	A compliance inspection may be requested by the permittee when measures have been taken in conjunction with a noncompliance notice or as part of post-mining activities to verify reclamation and reduce bond amount. This results in a field inspection.	
	The permittee is notified of compliance with the measures outlined in a previous non-compliance notice or in conjunction with post-mining activities as a verification of reclamation. Bonding may be reduced or terminated as required. Appropriate case notations are made, including case closure if final reclamation has been verified.	Compliance Notice (Permittee)
	The performance bond may be adjusted during the term of material disposal agreement. An increase in the bond amount may be required in cases such as noncompliance, hazardous waste spills, and modification to mining plans or reclamation stipulations. This may include requiring a bond where there was none previously. The bond may be decreased in situations including a request by the permittee when extraction activities are complete and post-mining activities are begun (e.g., equipment removal,	Bond Adjustment (Bond/Surety) Case Notation (Records)

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	reclamation). The bond is released when extraction activities are complete and compliance has been verified. The bond may be attached when the permittee has not performed as required by agreement.	
	If reclamation activities are performed by BLM in situations such as hazardous waste spills, permittee bankruptcy, or non-compliance, the costs may be forwarded to accounting for permittee billing.	Reclamation Costs (Accounting)
	As material disposal cases are closed, appropriate records notations are made to remove the material site parcel from master title plats.	Records Notation (Records)
	A complaint may be initiated in cases such as a permittee not responding to a noncompliance notice, or suspected trespass.	Complaint (Mineral Contest)
	The Complaint issued to the permittee may refer to different situations. In situations involving mining claims where the BLM determines the material being mined in common variety with no claim or market prior to July 23, 1955 (Public Law 167), the Complaint would include a Notice of Trespass and a Notice of Hearing to contest the claims.	

# INPUT/PROCESS/OUTPUT NARRATIVES

Input	Process	Output
	<p>If there is no mining claim and no contest, a Notice of Trespass would be issued.</p> <p>If there is no mining claim but an approved contract, where the stated volume to be removed is exceeded, a Notice of Noncompliance would be initially issued.</p>	
<p>Appeal (Permittee)</p>	<p>Permittee may appeal any decision of the BLM to change condition of contract or to a notice of non-compliance.</p>	<p>Appeal (Appeals)</p>



## CHAPTER 5

### DATA DICTIONARY AND CROSS REFERENCE LIST

The data dictionary lists all data flows defined on the DFDs in alphabetic order by name. The information included for each entry in the dictionary includes:

1. data name;
2. mnemonic or abbreviation, as necessary; (used primarily for Data Flow Diagrams);
3. description of data, its uses and characteristics;
4. data type (i.e., aggregate, data store, file, set, record, element);
5. security considerations in both retrieval and update processes for the various persons involved (e.g., applicant, permittee, case processor, resource specialist, adjudicator, any BLM personnel, general public); and
6. data definition (used primarily for composite data).

The data definition uses the following standard notation to describe the composition of the data and identify its components:

1. data1 + data2        multiple components;
2. [ data1 | data2 ]    selection of components;
3. ( data )            optional components;

## DATA DICTIONARY AND CROSS REFERENCE LIST

- |                |  |
|----------------|--|
| 4. \$data      | primitive components (e.g., elements not |
| further        | described elsewhere in the data          |
| dictionary);   |  |
| 5. { data }    | repetitive component;                    |
| 6. 1{ data }10 | repetitive component within limits;      |
| 7. * comment * | qualifying comments; and                 |
| 8. " data "    | literal data.                            |

The cross reference list at the end of the chapter lists those data dictionary entries that have mnemonics or abbreviations with their actual name. This list may be used to find a data flow quickly in the dictionary when it is referenced on the DFD only by its mnemonic.

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Action Suspense
Abbreviation	
Description	An action suspense is a notification from Records (or docket) which identifies a set time period that has elapsed. This time period may be for purposes or responses from external sources, or it may identify an activity due date. The action suspense may be triggered one of two ways. The first is as a result of a Future Action Suspense Card (Form 1274-7) which operates as a pending event tickler in Records or Docket. The second is a query to the case recordation system for cases showing pending events based on specified action codes.
Data Type	Record
Ability to View	BLM
Ability to Update	BLM
Definition	[ (Case File) + \$Case Serial Number + \$Case Type + \$Suspense Date + \$Requestor Name + (\$Remarks)   {\$Action Code} + (\$Case Type) + {\$Case Serial Number + \$Action Date + \$Remarks}

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Additional Information
Abbreviation	Add't Info
Description	A proponent supplies required additional data in order to fulfill a request from BLM for information requirements for proposed activities or pending actions. The information may include any missing or incorrect information, clarifications on previously submitted data, or responses to questions that have arisen in reviewing a proponent's request or pending activity. The information is typically informal in nature, and may be provided during a telephone conversation, through the mail, or be transcribed and initialled in a field examiner's notebook.
Data Type	Record
Ability to View	All (Some information may identified as confidential by proponent.)
Ability to Update	Proponent
Definition	\$Proponent Name + (\$Mail Return Receipt) + (\$Proponent Address) + [\$Request Reference   \$Case Serial Number] + (\$Case Type) + (\$Land Description) + \$Requested Information

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Additional Information Required
Abbreviation	Add't Info Required
Description	Additional information may be required in reviewing or processing a proposed activity or pending action. The information may include any missing or incorrect information, clarify previously submitted data, or answer any questions that may have arisen. The information is typically informal in nature, and may be requested during a conversation by telephone or in person, through the mail, or during a field examination. The request identifies what information is required, and may cite a statute or regulation, may prescribe a time period for responding, and may state consequences for not providing the information. Additionally, the request may identify ways BLM can assist the proponent in compiling the required evidence.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Proponent Name + [ (\$Mail Return Receipt Request) + \$Proponent Address ] (\$Proponent Phone Number) + \$Conversation Log ] \$Request Date + \$Case Serial Number + (\$Case Type) + (\$Land Description) + \$Activity Reference + {\$Information Required + \$Justification} (\$Statute) + (\$Regulation) + (\$Suspense Date) + (\$Assistance Available)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Adverse Situation
Abbreviation	
Description	A notification that an adverse situation has occurred on a mining operation may be received directly from a permittee or from affected agencies. If the notification comes from the permittee, an adverse situation notification is sent by BLM to the affected agencies. Adverse situations include hazardous waste spills and other NEPA dangers, cultural/paleontological discoveries, bankruptcy, operations outside of the approved mining plan, etc.
Data Type	Record
Ability to View	All
Ability to Update	Affected Agencies, Permittee, BLM, Public
Definition	\$Permittee Name + [ (\$Mail Return Receipt Request) + \$Permittee Address   (\$Permittee Phone Number) + \$Conversation Log ] + ( [ \$Agency Name + \$Agency Contact + \$Agency Address + (\$Agency Phone Number) ] ) + \$Case Serial Number + \$Case Type + \$Land Description + \$Situation Description + { \$Occurrence Date } + { \$Situation Cause } + ({ \$Activity Required })

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Appeal
Abbreviation	
Description	An appeal of a BLM decision. The appeal enters the Appeals process that may include the IBLA.
Data Type	Record
Ability to View	All
Ability to Update	Permittee
Definition	\$Case Serial Number + \$Case Type + \$Permittee Name + \$Permittee Address + \$Date + \$Justification

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Appraisal Request
Abbreviation	
Description	A request on BLM Form 9300-8 is made to Mineral Analysis to appraise the fair market value for a commodity which typically is determined in order to set a royalty rate or minimum bid (i.e., competitive sales). Dependent on the commodity or the area, material rate schedules may exist for this purpose. In other situations, a mineral appraisal is performed and may be documented in the form of a mineral report.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	(Case File) + \$District and Resource Area Name + \$Request Date + \$Suspense Date + \$Case Serial Number + \$Appraisal Subject + \$Land Description + \$County + \$Acreage + (\$Remarks)



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bid
Abbreviation	
Description	The amount of money a bidder is willing to pay for the offered salables. The bid, at the discretion of the authorized officer and as stated in the Sale Notice, will be in the form of a sealed bid, an oral bid, or a combination of both. If a sealed bid, it must include the bidder's name and address, the identity of the contract being bid upon, and a bid deposit. If an oral bid at an auction, the bid is only the dollar amount being offered for the salable minerals; the bidder's information and bid deposit are collected before commencement of an oral bid auction.
Data Type	Record
Ability to View	All
Ability to Update	Bidder
Definition	$\$Bid\ Amount + (\$Bidder\ Name) + (\$Bidder\ Address) + Bid\ Deposit$

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bid Deposit
Abbreviation	
Description	A bid deposit in the amount of \$500 or 10 percent of the material's appraisal value, whichever is greater, must be submitted with each sealed bid made at a competitive sale. If the sale is an oral auction, the bid deposit is paid by bidders prior to the commencement of the auction. The deposit must be negotiable by BLM to be acceptable. Deposits may be in the form of cash, money orders, bank drafts, or cashier's or certified checks (43 CFR 3610.3-4(b)). Upon conclusion of the auction, all bid deposits are returned, except that deposit of the successful bidder which is applied to the purchase price of the contract.
Data Type	Element
Ability to View	All
Ability to Update	Bidder
Definition	[\$Currency   \$Bank Draft   \$Certified Check   \$Cashier's Check   \$Money Order   \$U.S. Treasury Note]

## DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bid Deposit Refund
Abbreviation	
Description	An unsuccessful bidder's bid deposit is returned to the bidder at the conclusion of a mineral sale.
Data Type	Element
Ability to View	All
Ability to Update	BLM
Definition	\$Unsuccessful Bidder Name + (\$Unsuccessful Bidder Address) + Bid Deposit

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bond
Abbreviation	
Description	In order to provide surety and monetary guarantee for a proponent's activities, the proponent must post bond funds for various aspects of/operational agreements (e.g., reclamation costs). Various BLM regulations identify specific types of bonds that are acceptable for different case types.
Data Type	Record
Ability to View	All
Ability to Update	Proponent
Definition	\$Bond Serial Number + \$Case Serial Number + \$Bond Amount + \$Obligation Conditions + \$Bond Date + \$Principal Name + \$Principal Address + \$Surety Name + \$Surety Address + {\$Agent Name + \$Agent Address} + {\$Witness Name + \$Witness Address}

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bond Adjustment
Abbreviation	
Description	An adjustment to a permittee's performance bond. This includes an increase or decrease in the amount, a full or partial release, or attachment of the bond.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Bond Serial Number + \$Case Serial Number + \$Original Bond Amount + \$Original Bond Date + \$Principal Name + \$Principal Address + \$Surety Name + \$Surety Address + \$Adjustment Date + [\$Increase Amount   \$Decrease Amount   \$Release Amount   \$Attachment Amount] + \$Adjustment Justification

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Bond Requirement
Abbreviation	
Description	A determination is made if a bond will be required in order to provide surety and monetary guarantee for a proponent's activities (e.g., reclamation). The requirement includes the amount and the justification for requiring a bond, including a poor past performance record of the proponent or activity in a area of environmental or multi-use concerns.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Proponent Name + \$Proponent Address + \$Case Serial Number + \$Case Type + \$Bond Amount + \$Justification

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Case File
Abbreviation	
Description	The case file serves as the storage folder for all documents and information pertinent to a particular case which are accumulated for specific case actions. Any or all contents may be necessary for analysis. Since mineral material cases are always serialized, the case file will also contain a serial register page produced from the case recordation system, which contains pertinent case, proponent, and land identification information and provides a chronological log of all case activity.
Data Type	Data Store
Ability to View	Proponent, BLM
Ability to Update	BLM
Definition	<p>\$Case Serial Number + \$Serial Register Page +  {\$Application Documents} + {\$Land Status Documents} + {\$Correspondence} + {\$Receipts} +  {\$Any Pertinent Documents} + {\$Case Examination Record} + {\$Future Action Suspense} + {\$Case Conflict Record} + \$Confidential Case File Identifier + \$Lead Case File Identifier +  \$District and Resource Area + \$County + \$Bond Amount + \$Contract Value + \$Contract Amount (Volume) + \$Total Collected to Date + \$Total Volume Disposed to Date</p> <p>* Serial Record Page = \$Query Date + \$Case Serial Number + \$Case Type + \$Administrative State + \$Geographic State + \$Legal Authority + (\$Commodity) + {\$Proponent Name + \$Proponent Address + \$Interest Relationship} + {\$Land Description + {\$Surface Management Agency}} + \$Acreage + {\$Action Date + \$Action Code + \$Action Description + \$Action Remarks + \$Pending Action} + ({Comments}) + ({Administrative/Geographic/Political Entity + \$Acreage}) + \$Case Disposition + \$Case Disposition Date *</p>

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Case Notation
Abbreviation	
Description	Case notation is any creation, serialization, addition, update, or identification to the information in case files and automated case recordation systems. All case activity typically involves the addition of some documents to a case file and a corresponding activity update to a case recordation system. Updates to case recordation systems result in new serial register pages being produced and included into the case file.
Data Type	Record
Ability to View	BLM
Ability to Update	BLM
Definition	{ \$Case File } + \$Case Serial Number + { \$Action Date + \$Action Code + \$Action Remarks + \$Pending Actions } + { \$Case Information } + { \$Case Documents }



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name Complaint

Abbreviation

Description

An initiation of an adverse action when a permittee does not comply with prescribed agreements, statutes, regulations, or requests. One example is if a permittee does not respond in the prescribed time to a notification that modifications are required to an approved mining plan. In some cases, Complaint also includes a Notice of Trespass, a Notice of Hearing, or a Notice of Noncompliance.

Data Type

Record

Ability to View

All

Ability to Update

BLM

Definition

(\$Case File) + \$Case Serial Number + \$Case Type + \$Land Description + \$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + \$Charges

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Compliance Notice
Abbreviation	
Description	A notification to a permittee that the terms of prescribed agreements or orders have been complied with. This may serve as a notice terminating an approved operation, approval for bond reduction, or a rescinding of a previous noncompliance notice. A document from an another agency may be referenced as part of the notice of compliance.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Case Serial Number + \$Case Type + \$Land Description + \$Compliance Date + \$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + (\$Agreement Termination) + (\$Bond Adjustment) + (\$Noncompliance Reference) + (\$Compliance Document Reference)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Compliance Inspection Request
Abbreviation	
Description	A permittee's request that a field examination be performed to determine the permittee's compliance with prescribed agreements or orders. This request is typically made for one of three reasons: 1) the permittee is seeking a bond reduction; 2) a permittee previously cited for noncompliance has rectified the problem and seeks a compliance clearance; 3) the mining operation and reclamation have been completed and the permittee needs an all clear inspection to terminate the operation agreement and have any bonding released. The request is conveyed to BLM via mail or verbally and must identify the specific site(s) to be inspected, and the purpose, conditions or activities that are the target of the inspection.
Data Type	Record
Ability to View	All
Ability to Update	Proponent
Definition	\$Case Serial Number + (\$Case Type) + \$Land Description + \$Request Date + \$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + \$Inspection Purpose + (\$Noncompliance Reference) + (\$Compliance Documents)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Contract Withdrawal
Abbreviation	
Description	Interest in a competitive sale contract may be withdrawn by the successful bidder for whatever reason within 30 days of successfully bidding for the contract.
Data Type	Record
Ability to View	All
Ability to Update	Proponent
Definition	\$Successful Bidder Name + \$Successful Bidder Address + (\$Successful Bidder Phone Number) + \$Withdrawal Date + \$Contract Reference + \$Case Serial Number + \$Case Type + {\$Land Description} + (\$Withdrawal Justification)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Directive
Abbreviation	
Description	BLM may initiate a material disposal case through a directive, e.g., implementation of Resource Management Plans or Annual Work Plans, or resulting from an informal expression of interest from the public, or a recognition of material needs in a geographic area.
Data Type	Record
Ability to View	BLM
Ability to Update	BLM
Definition	\$Land Description + {\$Material} + \$Volume + \$State Office + \$District Office + \$Area Office + \$Value + \$Proposed Action + \$Authority

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Disposal Decision
Abbreviation	
Description	A decision that approves or rejects a proposed disposal action. A rejection decision is issued if prohibitive conflicts or conditions exist where a resolution can not be achieved through mitigation or where the disposal is not in the best public interest. If the proposed action is approved, appropriate stipulations will be defined as required.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	([Mail Return Receipt Request   Proof of Service   Diligent Search Record]) Applicant Name + Applicant Address + (Applicant Phone Number) + Case Serial Number + Case Type + Land Description + Proposed Action + Materials Description + [Approval + (Stipulations)   Rejection + Justification] Decision Date + (Statute) + (Regulation) + (Appeal Procedures) + Contract Value/Volume + Amount Bond

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Disposal Information
Abbreviation	
Description	Information on permittee on a disposal action entered into Case Recordation/ORCA, and placed in local files is used for mineral assessment and inventory information.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	\$Permittee Name + \$Permittee Address + (\$Permittee Phone Number) + \$Case Serial Number + \$Case Type + \$Land Description + Material Contract + \$Commodity + \$Volume + \$Sales Prices

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Environmental Document
Abbreviation	
Description	The environmental document is the incorporated report which typically includes the mining plan, Environmental Assessment (EA), Environmental Impact Statement (ES), Categorical Exclusion Record (CER), any stipulations or clearances required, and any assumptions or alternatives which may have been formulated.
Data Type	Set
Ability to View	All
Ability to Update	BLM
Definition	[\$Environment Assessment   \$Environmental Impact Statement   \$Categorical Exclusion Record + \$Significant Impact Findings] + [\$Clearance Decision   \$Recommendations] + [\$Stipulations]



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Extension
Abbreviation	
Description	When any proponent task (e.g., supplying additional information or signing a contract and supplying a mining plan) has a prescribed time limit to complete and a proponent requests additional time to complete the task, an extension may be granted. Typically this extension approval notification prescribes a new time limit for the subject task.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	(\$Mail Return Receipt) + \$Proponent Name + \$Propnent Address + (\$Propnent Phone Number) + \$Case Serial Number + (\$Case Type) + \$Land Description + \$Request Reference + \$Request Date + [[\$Approval + \$Suspense Date + (\$Conditions) + (\$Stipulations)   \$Denial] + [[\$Statute   \$Regulation]

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Extension Request
Abbreviation	
Description	When any filing or application task (supplying additional information or evidence, or supplemental proof) has a prescribed time limit to complete and a proponent requires additional time to complete the task, an extension request is filed by the proponent.
Data Type	Record
Ability to View	All
Ability to Update	Proponent
Definition	\$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + \$Case Serial Number + (\$Case Type) + \$Land Description + \$Request Date + \$Suspense Action Reference + \$Suspense Date + \$Proposed Suspense Date + \$Extension Justification + [\$Statute   \$Regulation]

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Field Report
Abbreviation	
Description	In response to a field inspection request, a designated BLM employee files a field report which includes such things as verification of the conditions identified in the filings and an evaluation that the request is justified. The specialist may make appropriate recommendations, such as a time period for the deferment (not to exceed 1 year) and draw conclusions based on the findings of the examination. This field report includes the compliance inspection report.
Data Type	Set
Ability to View	All
Ability to Update	BLM
Definition	(Case File) + \$Case Serial Number + \$Case Type + \$Land Description + \$Proponent Name + \$Proponent Address + \$Inspector's Name + \$Inspector's Title + \$Inspector's Address + \$Requestor Name + \$Requestor Address + \$Inspection Date + \$Inspection Procedures + \$Observations + Land Status + \$Mining Operations Assessment + \$Proponent Conference Log + \$Additional Requirements + \$Pertinent References + \$Conclusions + (\$Recommendations)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Land Status
Abbreviation	
Description	Land status is information which can be obtained from records, case recordation, Mining Claim Recordation, Mining Claim Index, RMP, resource management maps, mineral management maps, land classification maps, aerial photographs, topographical maps, the public and industry, or governmental agencies.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	<p>\$Master Title Plats + \$Historical Indexes + \$Control Document Index + \$Miscellaneous Document Index + \$Supplemental Plats + \$Use Plats + \$Title Records Source Documents + \$General Land Order Plats + \$Tract Books + \$Land Survey Plats + \$Survey Field Notes + \$Mineral Survey Plats + \$Mineral Survey Field Notes + \$Protraction Diagrams + \$Case Recordation System Data + \$Mining Claim Recordation System Data + \$Mining Claim Index Records + \$Land Use Maps + \$Land Classification Maps + \$Surface Management Maps + \$Mineral Management Maps + \$Topographic Maps + \$Geologic Maps + \$Wilderness Status Maps + \$Areas of Critical Environmental Concern Records + \$Scenic Areas Information + \$Off-Road Vehicle Area Information + \$Resource Management Maps + \$Rangeland Management Maps + \$Wildlife Habitat Management Maps + \$Soil Conservation Maps + \$Botanical/Vegetative Management Information + \$Hydrological Information + \$Case Files + \$Subject/Function Files + \$Township/Range Files + Environmental Document + \$Mineral Lease Records + \$Mining District/Historical Records + \$State Records + \$County Records + \$Governmental Agency Records + \$Private Records + \$Industry Records</p>

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name Material Contract

Abbreviation

Description

The issuance of a competitive or noncompetitive sales contract (typically BLM Form 5450-5, 3600-4, or 3600-5) gives the permittee the right to extract, process, stockpile, and remove materials and to use such equipment and provide such access within the authorized site as is necessary for the mining and processing operations, unless prohibited by contract terms or stipulations in return for a contract purchase amount and royalty payment. The holder of the contract has a superior right against subsequent actions initiated under the public land laws, mineral leasing laws, or mining laws. Materials sales sites must be serialized and noted on the master title plats as they affect land status and establish existing rights.

Data Type

Record

Ability to View

All

Ability to Update

BLM

Definition

\$Serial Number + \$State + \$District + \$Sale Date + \$Purchaser Name + \$Purchaser Address + [\$Commodity + \$Estimated Quantity + \$Measurement Unit + \$Unit Rate] + \$Price + \$Expiration Date + \$Sale Location + \$Deposit Received + \$Authorized Officer + \$Terms + \$Conditions + \$General Stipulations + (\$Special Stipulations)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Material Permit
Abbreviation	
Description	Material permit refers to the issuance of a free use permit (typically BLM Form 5510-1) which may be granted to any Federal or State agency, unit, subdivision, including municipalities or nonprofit organizations, gives the permittee the right to extract, process, stockpile, and remove materials and to use such equipment and provide such access within the authorized site as is necessary for the mining and processing operations, unless prohibited by permit terms and stipulations. The holder of the permit has a superior right against subsequent actions initiated under the public land laws, mineral leasing laws, or mining laws. Free use permits must be serialized and noted on the master title plats, as they affect land status and establish existing rights. There is no royalty charge for the free use permit.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Serial Number + \$Expiration Date + \$State + \$County + \$District + \$Applicant Name + \$Applicant Address + \$Commodity + \$Quantity + \$Commodity Use + \$Permit Date + \$Authorized Officer + \$Conditions + \$General Stipulations + (\$Special Stipulations)

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name Material Rate

Abbreviation

Description Depending on the commodity or area, material rates which are kept on material rate schedules exist for the purpose of determining fair market value for a commodity in order to set a royalty rate or minimum bid (i.e., competitive sales). In other situations, a mineral appraisal is performed and may be documented as a material rate in the form of a mineral report.

Data Type Record

Ability to View All

Ability to Update BLM

Definition \$Commodity + \$Measurement Unit + \$Unit Price +  
\$Contract Value + \$Contract Volume + \$Bond Amount

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Material Request
Abbreviation	
Description	The public may initiate salable cases through a written request from an applicant.
Data Type	Record
Ability to View	All
Ability to Update	Proponent
Definition	\$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + \$Request Date + \$Commodity + (\$Intended Use) + (\$Land Description) + (Mining Plan) + (Environmental Document) + (\$Request Justification) + (\$Statute) + (\$Regulation) + [\$Memorandums Of Understanding   \$Cooperative Agreements]



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Mineral Information
Abbreviation	
Description	Mineral information is researched as necessary to identify suitable material sites where the commodity is available or to identify sites of alternate commodities which fulfill an intended use.
Data Type	Aggregate
Ability to View	All
Ability to Update	BLM
Definition	Geologic/Energy/Minerals *GEM* Library + Township/Range Files + Resource Management Plan + Central Files + Local Files + Confidential Files + Correspondence Files + Subject/Function Files + Forms Files + Publication Files + Technical Library + Case Files + Case Recordation System + Mining Claim Recordation System + Mineral Resource Inventory + Economic Data + Industry Data + Governmental Agency Data + Public Land Statistics + Legal Library + Law Review + Land Status

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Mineral Report
Abbreviation	
Description	<p>A mineral report is the vehicle for documenting a mineral specialist's findings, conclusions, and recommendations on a proposed land, or mineral actions, or mineral investigations. The actions include mineral-in-character determinations, mineral potential evaluations, known mineral resource area classifications, mineral commodity classifications (e.g., common variety determinations), mineral appraisals (i.e., fair market value determinations of mineral estates or mineral commodity royalty rates), mining claim validity examinations, surface use determinations, multiple-use conflict determinations, etc. Depending on the proposed action, the mineral report may serve a single purpose, or may document many different types of evaluations.</p> <p>The actual report contains a summary, conclusions, recommendations, introduction, legal land description, land status, regional geology, local geology, mineral deposits, mineral exploration and development work, references, topographical map, Master Title Plat, photograph of the site, and other pertinent inclusions.</p>
Data Type	Aggregate
Ability to View	All
Ability to Update	Minerals Specialist
Definition	<p>Mineral Report Title Page * (BLM Form 3060-1)  \$Administrative State + \$Case Serial Number +  \$Report Title +  \$County + \$Geographic State + \$Legal Land  Description + \$Acreage +  \$Report Date + {\$Minerals Specialist Name} +  {\$Technical Reviewer Name} +  \$Management Acknowledgement Name * +  \$Table Of Contents +  \$Summary +  {\$Conclusions} *  Mineral Potential Assessment +</p>

# DATA DICTIONARY AND CROSS REFERENCE LIST

- Mineral-in-Character Assessment +
- Known Mineral Resource Area Determination +
- Mineral Commodity Classification +
- Surface Use Determination +
- Validity Determination +
- Mining Plan Evaluation \* +
- { \$Recommendations } +
- Introduction \*
- \$Report Purpose + \$Report Scope +
- \$Chronological Events Log \* +
- \$Land Description +
- Land Status \*
- \$Master Title Plats + Mineral Survey
- Plats/Notes + \$Topographic Maps +
- \$Surface Management Maps + \$Minerals Management
- Maps + \$Aerial Photographs +
- Right-of-Ways + Location Notices + Recordation
- Notices +
- Assessment Evaluation + Patent Application
- \*Documents\* \* +
- Physiographic Assessment \*
- \$Topography + \$Climate + \$Vegetation + \$Surface
- Improvements +
- \$Water Source/Facilities + \$Power
- Sources/Facilities \* +
- Geologic Evaluation \*
- Regional Geologic Assessment +
- Mining/Mineral Production History +
- Site Geology Assessment +
- Mineralization Assessment \* +
- Mining Operations Assessment \*
- Mining Methodologies + Processing Methodologies +
- { \$Equipment } + { \$Facilities } +
- { \$Improvements } + \$Operation Flow Charts +
- \$Geologic Maps +
- \$Cross Section Sketches \* +
- Mineral Testing Analysis \*
- { \$Sampling Procedures } + \$Sampling Equipment +
- \$Volume +
- { \$Testing Procedures } + \$Testing Equipment +
- [ Test Analysis | Laboratory Analysis ] \* +
- Economic Evaluation including Mineral Appraisal \*
- { \$Commodity + \$Quality + \$Production Rate +
- \$Waste +
- \$Sales Price + \$Production Sales +
- \$Accessibility + \$Market Distance +
- \$Contingency Costs \* \$Reclamation + \$Safety +
- \$Bonding + \$Use Permits \* +

DATA DICTIONARY AND CROSS REFERENCE LIST

\$Capital Costs + \$Operating Costs }  
\$Fair Market Value Determination \* +  
\$Pertinent Information +  
\$References +  
Mineral Report Evalaution \* (BLM Form 3060-2) \*

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Mining Plan
Abbreviation	
Description	Formal plan of operations for mining activities and reclamation procedures in material disposal operations.
Data Type	Aggregate
Ability to View	All (Some information may be identified as confidential by proponent.)
Ability to Update	Permittee, BLM
Definition	(\$Case Serial Number) + \$Permittee Name + \$Permittee Address + (\$Permittee Phone Number) + ({Regulations}) + ({Memorandums Of Understanding   \$Cooperative Agreements})+ \$Land Description + ({Map}   {\$Sketch}   {Aerial Photograph}) * (\$Topography) + \$Roads + \$Bridges + \$Aircraft Landing Locations + \$Access Routes + \$Hydrology + \$Surface Disturbance Areas + \$Commodity + \$Estimated Volume to be Removed (total per year) * * Existing + Proposed + Future Mining Operations * {\$Operation Description + \$Operation Methodologies + {\$Structures/Facility Description + \$Structures/Facilities Location} + {\$Equipment} + \$Operation Start Date + \$Operation Completion Date + ({Nonoperation Periods}) + \$Reclamation Completion Date + \$Transportation Means + * Existing and Proposed Access Routes * {\$Access Description + \$Route Location + \$Right-of-Ways Reference + \$Road Width + {\$Construction Equipment} + \$Construction Method + \$Road Material + \$Road Condition + \$Contour

DATA DICTIONARY AND CROSS REFERENCE LIST

Alteration} +  
({\$Known Conditions}) + ({\$Disturbance  
Justification}) +  
({\$Known Survey Monuments}) +  
Unnecessary Degradation Prevention Measures +  
Reclamation/Restoration Measures +  
    Air Quality Protection Measures +  
    Water Quality Protection Measures +  
    {\$Wastes} + Waste Disposal Procedures +  
    {\$Hazardous/Toxic Materials} +  
    Hazardous/Toxic Material Management  
Procedures +  
    Visual Resource Protection Measures +  
    Wildlife Habitat Protection/Rehabilitation  
Measures +  
    Botanical Habitat Protection/Rehabilitation  
Measures +  
    Topsoil Preservation Measures  
    Erosion Control Measures +  
    Contour Grading Plan \* + Post-Grading Contour  
Map \* +  
    {\$Revegetation Species} +  
\$Health And Safety Measures +  
({\$Supporting Document Reference}) +  
({\$Plan Development Assistance Request})

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Mining Plan Request
Abbreviation	
Description	If a mining plan was not submitted as part of the initial material request, a request is made for the applicant to submit a mining plan.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	(\$Mail Return Receipt Request) + \$Request Date + \$Proponent Name + \$Proponent Address + (\$Proponent Phone Number) + \$Case Serial Number + \$Case Type + \$Land Description + Mining Plan *Required* + (\$Suspense Date) + (\$Pending Disposition) + (\$Statute) + (\$Regulation) + [\$Memorandums Of Understanding   \$Cooperative Agreements] + \$Assistance Available

# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Modification Request
Abbreviation	
Description	The permittee may request modifications to a disposal agreement. These include proposals for modifications to mining plans, reclamation requirements, production reporting schedules, royalty payment schedules, requests for bond adjustments, extension requests for material extraction or improvement removal, or modification to any contract terms or stipulations.
Data Type	Record
Ability to View	All
Ability to Update	Permittee
Definition	\$Request Date + \$Permittee Name + \$Permittee Address + (\$Permittee Phone Number) + \$Case Serial Number + \$Case Type + \$Land Description + Mining Plan *Required* + (\$Suspense Date) + (\$Statute) + (\$Regulation) + [Mining Plan * Modifications *   \$Production Reporting Schedule Modifications   \$Royalty Payment Schedule Modifications   Bond Adjustment * Request *   \$Permit Extension Request   \$Improvement Removal Extension Request   \$Contract Terms Modifications   \$Stipulation Modifications ]



# DATA DICTIONARY AND CROSS REFERENCE LIST

Data Name	Voucher
Abbreviation	
Description	A receipt for an accepted (successful) bidder's bid deposit, a voucher is issued at the completion of a competitive sale.
Data Type	Record
Ability to View	All
Ability to Update	BLM
Definition	\$Bidder Name + \$Bidder Address + (\$Bidder Phone Number) + \$Case Serial Number + \$Case Type + \$Sale Description + \$Deposit Amount + Receipt

